

# ABSTRACT

An adjustable pedal assembly for a vehicle includes a mounting bracket having a mounting face and a pair of opposed upper arms. The assembly includes a first lever arm supported between the pair of mounting bracket upper arms at a first fixed pivot point. The assembly also includes a swing plate pivotally supported by the first lever arm at a second non-fixed pivot point located radially outboard from the first fixed pivot point, and having a mounting face, a pair of upper arms radially extending, a vertically extending lower arm and an outwardly extending pedal support arm. The assembly further includes a second lever arm pivotally attached to the swing plate lower arm at a third non-fixed pivot point at one end and another end pivotally attached to the mounting bracket at a fourth fixed pivot point. The assembly includes a pedal arm operatively attached to the swing plate with a pedal pad attached at a lower end. The assembly further includes an adjustment means connected to the pedal support arm for adjusting the position of the pedal pad by pivoting the first lever arm about the first fixed pivot axis, pivoting the swing plate about the second non-fixed pivot point, pivoting the swing plate lower arm about the second fixed pivot axis, pivoting the second lever arm about the third non-fixed pivot point and the fourth fixed pivot point, to constrain the travel of pedal pad along a predetermined path.